

ABSTRACT OF THE DISCLOSURE

DG
9/25/03

A cooling channel cover for a one-piece piston of an internal combustion engine, the piston having a closed cooling channel that runs around inside the piston crown and a ring-shaped recess between the piston ring band and the piston shaft. There is an easy to assemble cooling channel cover comprising a one-piece plastic/^{spring steel} ring that is U-shaped in cross-section, having a ring bottom and an outer shank around the circumference, molded onto the ring bottom and angled off radially to the outside, and an inner shank around the circumference, angled off radially to the inside. There is a first radial division having a mouth width (M) and a second radial division forming a first film hinge for radial deflection of one of the ring shanks and a second film hinge that permits at least one radial deflection of at least one of the radially angled shanks. In order to close off the cooling channel, the shanks engage in a stepped conical recess of on an inner circumferential edge of the cooling channel.